<b>4</b> 1	OSURE STATEMENT (C)	Docket No. 0152.00427					
In Re Application Of:							
DEC 1 2 2002	George R. Newkome						
Serial N	Filing Date	Examiner	Crown Art I Init				
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	37 C	CFR 1.97(b)	'N/R2 (5)				
The Information Disclosure Statement submitted herewith is being filed within three months of a national application other than a continued prosecution application under 37 CFR 1.53(d), within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.							
		CFR 1.97(c)					
CFR 1.97(b), pro Final Action und	ovided that the Information Discl	d herewith is being filed after the polosure Statement is filed before the Allowance under 37 CFR 1.311 and is accompanied by one of:	he mailing date of a				
☐ the statem	ent specified in 37 CFR 1.97(e);						
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TRANSMITTAL OF IN (Unde	Docket No. 0152.00427					
In Re Application: George	e R. Newkome					
Serial No.	Filing Date 04/23/02	Examiner	Group Art Unit			
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	•	ment of Fee ects to pay the fee set forth in 37 C	CFR 1.17(p))			
The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 11-1449  as described below. A duplicate copy of this sheet is enclosed.  Charge the amount of  Credit any overpayment.  Charge any additional fee required.  Certificate of Transmission by Facsimile*  Certificate of Mailing by First Class Mail  I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States  Patent and Trademark Office (F  The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 11-1449  Certificate of Mailing by First Class Mail  I certify that this document and fee is being deposited with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.						
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*This certificate may onl deposit account.  *This certificate may onl deposit account.  Signature  Amy E. Rinaldo, Reg. No. 45,79  KOHN & ASSOCIATES, PLLO 30500 Northwestern Highway  Suite 410  Farmington Hills, MI 48334 (248) 539-5050	re	Dated:  2 /cj / C	f Person Mailing Certificate			

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## MANUAL OF PATENT EXAMINING PROCEDURE

PTO/SB/08 (2-92) Sheet 1 of 2

Form P10-1449

Docket Number (Optional) 0152.00427 Application Number 10/049,259

## INFORMATION DISCLOSURE CITATION IN AN APPLICATION

Applicant George R. Newkome

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	Buckman, A.F., et	al., "F	unctionali	ization	of Poly(ethylene g	lycol) and Mo	nomethoxy-P	oly(ethyle	ne
	glycol)," Makromol								
	Burns, C.J., et al., glycols," Synth. Co					lially function	alized long ch	ain polyet	ihylene
	Cisak, et al., "L, "H	iah-er	<u>1., 29 (13)</u> 1erav Non	1-aque	ous Batteries": <i>Hor</i>	wood (1993)			
	Dominguez, X.A., e	et al., '	"Simple P	repara	ation of a Very Activ	ve Raney Nic	kel Catalyst,"	J. Org. C	hem.,
	Dominguez, X.A., et al., "Simple Preparation of a Very Active Raney Nickel Catalyst," <i>J. Org. Chem.</i> , 26(5), 1625 (1961).								
	Hult, A. et al., "Hyp 2-34 (1999).	Hult, A. et al., "Hyperbranched Polymers," Advances in Polymer Science: Branched Polymers, Chapter 1,							
	Issberner, J., et al., "Dendritic Bipyridine Ligands and Their Tris(Bipyridine)ruthenium(II) Chelates- Syntheses, Absorption Spectra, and Photophysical Properties," <i>Chem. Eur. J.</i> , 3(5), 706-712 (1997).								
								06-712 (1	997).
	Lipkowski, J., "Elec							2 197 20	24 (1076)
	McMurry, J., "Ester Cleavages Via S <sub>N</sub> 2-Type Dealkylation," <i>Organic Reactions</i> , Chap. 2, 187-224 (1976).  Narayanan, V.V., et al., "Novel Dendrimers Possessing Internal Electroactive Quinoid Moieties," Polym.							" Polym	
	Prep., 37(2), 419-4			Hamme	73 1 033033111g 11110	mar Electroc	tetive damoia	wording,	1 Olyini.
	Newkome et al., "D	endrii	miers and	Dend	rons Concepts, Sy	nthesis, Appl	ications; VCH	Weinheir	n,
	Germany, 2001.								
	Newkome, G R. et Designed Monome	rs and	d Polymer	rs, I(1)	3-14 (1997).				
	Newkome, G R., "N							e (2,2':6',	2"-
	tepyridine)rutheniu							<u> </u>	-4'
	Newkome, G R., et Macromolecular Pr							er Constru	iction and
<del></del>	Newkome, G R., et	al "S	<u>/ Mounica</u> Synthesis	and Cl	hemistry of Novel C	endritic Mac	romolecules F	ossessin	g Internal
	Electroactive Anthr	aquin	onoid Moi	ieties."	Macromolecules.	30(17), 5187	-5191 (1997).	20000111	5 ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	Newkome, G R., et	al., "/	A Tailored	Appro	each to the Synthes	sis of Electro		ners Base	ed on
	Diaminoanthraquin	ones,	" Macrom	nolecul	es 1999, 32, 6782-	6791.			
	Newkome, G.R., et							arbonyl)et	hyl]-4-
	isocyanato-1,7-her							ollanaia (	Noid
	Newkome, G R., et Derivatives," Chem						ropology: MIC	enanoic A	ACIU
	Newkome, G.R., et	al., "/	Anthraquii	noid-b	ased Extended Dei	ndritic Monor	ners: Electroch	hemical	
	Comparisons," Des						n = :		
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	Newkome, G.R., et al., "Dendrimer Construction and Macromolecular Property Modification via Combinatorial Methods," Biotech. and Bioeng. (Combinatorial Chemistry), 1999, 61(4), 243-253.
	Newkome, G.R., et al., "Electroactive Metallomacromolecules via Tetrabis(2,2':6'm2"-
	Terpyridine)ruthenium(II) Complexes: Dendritic Networks towards Constitutional Isomers and Neutral
	Species without External Counterions," J. AM. Chem. Soc. 2000, 122, 9993-10006.
	Newkome, G.R., et al., "Neutral highly branched metallomacromolecules: Incorporation of (2.2':6',2"-
	tepyridine)ruthenium(II) complex without external counterions," Chem. Commun., 27-28 (1999).
	Newkome, G.R., et al., "Synthesis of Amine Building Blocks for Dendritic Macromolecule Construction," Synlett, (1), 53-54 (1992).
	Newkome, G.R., et al., "Synthesis of Unsymmetrical 5,5'-Disubstituted 2,2'-Bipyridines.: J. Org. Chem., 62(9), 3013-3014 (1997).
N	Newkome, G.R., et al., "Unimolecular micelles," Angew. Chem. Int. Ed. Engl., 30(9), 1178-1180 (1991).
	Owen, J.R., "Rechargable lithium batteries," Chem. Soc. Rev., 26, 259-267 (1997).
	Roovers, J., et al., "Dendrimers and Dendrimer-Polymer Hybrids," <i>Advanced in Polymer Science:</i> Branched Polymers, 180-228 (1999).
	Salomon, M., "Solubility problems relating to lithium battery electrolytes," <i>Pure Appl. Chem.</i> , 70(10). 1905-1912 (1998).
	Tor, Y., et al, "Biomimetric Ferric Ion Carriers. A Chiral Analogue of Enterobactin," J. Am. Chem. Soc., 1987, 109, 21, 6517-6518.
	Weis, C.D., et al., "Reduction of Nitro Substituted Tertiary Alkanes," Synthesis, (9), 1053-1065 (1995).
	Young, J.K., et al., "Smart" Cascade Polymers, Modular Synthesis of Four-Directional Dendritic Macromolecules with Acidic, Neutral, or Basic Terminal Groups and the Effect of pH Changes on Their Hydrodynamic Radii," <i>Macromolecules</i> , 27(13), 3464-3471 (1994).
	Zhang, J., et al., "Geometrically-controlled and site-specifically-functionalized phenylacetylene macrocycles," J. Am. Chem. Soc., 116(10), 4227-4239 (1994).
	Zhang, J., et al., "Nanoarchitectures. 1. Controlled synthesis of phenylacetylene sequences," <i>J. Am. Chem. Soc.</i> , 114(6), 2273-2274 (1992).
EXAMINER	DATE CONSIDERED
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